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CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" (37 CFR 1.8)			Matter No.	
Applicant(s): Itzhak Bentwich			050992-0200.CNUS05	
Serial No.	Filing Date	Examiner	Group Art No.	Confirmation No.
10/604,726	August 13, 2003	Eric S. DeJong	1631	1725
Invention: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND USES THEREOF				

I hereby certify that a Transmittal Form (1 p.); Transmittal Sheet for Submission of Compact Discs (1 p.); a Statement Pursuant to 37 C.F.R. § 1.825(b) (1 p.); Replacement Sequence Listing Under 37 C.F.R. § 1.825(a); the Computer Readable Form of the Sequence Listing (1 CD); the Sequence Listing (2 CDs); and a stamped, pre-addressed postcard are being mailed by U.S. Postal Service First Class Mail to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 14th day of September, 2006.

Kathleen Franklin

(Typed or Printed Name of Person Mailing Correspondence)

Kathleen Franklin
(Signature of Person Mailing Correspondence)

050992 / 110055

KAKUR 1394715

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	Application Number	10/604,726
	Filing Date	08/13/03
	First Named Inventor	Itzhak Bentwich
	Art Unit	1631
	Examiner Name	Eric S. DeJong
	Attorney Docket Number	050992.0200.CNUS05

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD, Number of CD(s) <u>3</u> <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal Sheet for Submission of Compact Discs Pursuant to 37 C.F.R. §1.53(E) Statement Pursuant to 37 C.F.R. § 1.825(b) Replacement Sequence Listing Under 37 C.F.R. § 1.825(a)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Polsinelli Shalton Welter Suelthaus PC		
Signature	/Teddy C. Scott, Ph.D./		
Printed Name	Teddy C. Scott, Ph.D.		
Date	09/14/06	Reg. No.	53,573

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bentwich, Itzhak

App. No.: 10/604,726

Conf. No.: 1725

Filing Date: August 13, 2003

Art Unit: 1631

Examiner: Eric S. DeJong

Title: BIOINFORMATICALLY DETECTABLE
GROUP OF NOVEL REGULATORY
GENES AND USES THEREOFTRANSMITTAL SHEET FOR SUBMISSION OF
COMPACT DISCS PURSUANT TO 37 C.F.R. §1.53(E)Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith are three copies of one compact disc (MS-Windows format) containing electronic copies of the following : (i) CRF Format Sequence Listing submitted under 37 C.F.R. §1.821(c) (1 CD); and (ii) Sequence Listing submitted under 37 C.F.R. §1.821(e) (2 CDs). Pursuant to 37 C.F.R. §1.52(e)(4)(c), I hereby certify that the three copies of the compact disc are identical. The contents of the compact disc are as follows:

File Name	Size	Date
ReplacementSeqList.txt	1,344 KB	September 14, 2006

Respectfully submitted,

POL SINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 14, 2006

By: /Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 27148180 N. Stetson Ave., Suite 4525
Chicago, IL 60601
312.819.1900 (main)
312.819.1910 (fax)
312.819.4083 (direct)p



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bentwich, Itzhak

App. No.: 10/604,726

Conf. No.: 1725

Filing Date: August 13, 2003

Art Unit: 1631

Examiner: Eric S. DeJong

Title: BIOINFORMATICALLY
DETECTABLE GROUP OF
NOVEL REGULATORY
GENES AND USES THEREOF

STATEMENT PURSUANT TO 37 C.F.R. § 1.825(b)

Dear Sir:

I hereby state that the information recorded on the Substitute Computer Readable Form, submitted herewith in accordance with 37 C.F.R. § 1.821(b), is identical to the written (on paper or compact disc) Replacement Sequence Listing submitted herewith in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 14, 2006

By: /Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 37808

POLSINELLI SHALTON WELTE SUELTHAUS PC

180 N. Stetson Ave., Suite 4525

Chicago, IL 60601

312.819.1900 (main)

312.873.3613 (direct)

312.602.3955 (efax)

tscott@pswslaw.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bentwich, Itzhak
App. No.: 10/604,726
Conf. No.: 1725
Filing Date: August 13, 2003

Art Unit: 1631
Examiner: DEJONG, ERIC S
Title: BIOINFORMATICALLY DETECTABLE
GROUP OF NOVEL REGULATORY
GENES AND USES THEREOF

REPLACEMENT SEQUENCE LISTING UNDER 37 C.F.R. § 1.825(a)

Dear Sir:

In compliance with 37 C.F.R. § 1.52(e), please find enclosed herewith 2 copies of a replacement compact disc containing a replacement Sequence Listing filed pursuant to 37 C.F.R. § 1.825(a).

SEQ ID NO: 8788 is new, support for which can be found at Fig. 21A of the application as originally filed.

SEQ ID NO: 8789 is new, support for which can be found at Fig. 22A of the application as originally filed.

SEQ ID NO: 8790 is new, support for which can be found at Fig. 23A of the application as originally filed.

SEQ ID NOS: 8791-8796 are new, support for which can be found at paragraph [0123] of the specification as originally filed.

SEQ ID NO: 8797 is new, support for which can be found at paragraph [9179] of the application as filed. SEQ ID NO: 8797 represents the sequence of GR672. Paragraph [9179] recites:

GR672 FOLDED PRECURSOR RNA is naturally processed by cellular enzymatic activity into at least 2 separate GAM precursor RNAs, GAM334 PRECURSOR and GAM390 PRECURSOR, each of which GAM precursor RNAs being a hairpin shaped RNA segment, corresponding to GAM PRECURSOR RNA of Fig. 8.

SEQ ID NOS: 5135 and 6033 represent the sequences of GAM334 and GAM390, respectively, each of which sequence is contained in the application as originally filed. GAM334 (SEQ ID NO: 5135) is located on the plus strand of human chromosome 12 at positions 52,675,453 to 52,675,531. GAM390 (SEQ ID NO: 6033) is located on the plus strand of human chromosome 12 at positions 52,675,280 to 52,675,364. SEQ ID NO: 8797 (GR672) represents the sequence of the plus strand of human chromosome 12 at positions 52,675,280 to 52,675,531. Therefore, SEQ ID NO: 8797 (GR672) represents the sequence of GAM390 (SEQ ID NO: 6033), GAM334 (SEQ ID NO: 5135), and the intervening 88 base pairs in the genomic sequence (positions 52,675,365 to 52,675,452).

In view of new sequences 8789 – 8797 being supported by the application as originally filed, Applicant respectfully submits that the replacement compact disc contains no new matter in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 14, 2006

By: /Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 27148

POLSINELLI SHALTON WELTE SUELTHAUS PC
180 N. Stetson Ave., Suite 4525
Chicago, IL 60601
312.819.1900 (main)
312.873.3613 (direct)
312.602.3955 (efax)
tscott@pswslaw.com